

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	"5331679"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/08/14 17:36
L2	611	376/438.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/08/14 17:52
L3	233	376/462.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/08/14 17:52
L4	398	L2 or L3	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 17:52
L5	398	L4	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/08/14 17:52
S1	596	376/438.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:28
S2	231	376/462.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:28
S3	11	"4970048"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:28
S4	1	"2005238131"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:29
S5	1	"2005308750"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:35
S6	3	"5878100"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:38
S7	396333	spacer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:39
S8	2377175	upper and lower	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:39
S9	43	S7 and S8 and S1 and S2	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:40

S10	11	"4059483"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 11:44
S11	8	"5566217"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/13 12:12
S12	11	("20040196954"   "3281327"   "4306937"   "4726926"   "5925657"   "6236702"   "6278759"   "6320925"   "6650723"   "6912264").PN. OR ("7418072").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/13 12:18
S13	1	"20040032925"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/13 12:26
S14	382	S1 or S2	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/13 12:37
S15	382	S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/13 12:38
S16	4	("5530729").URPN.	USPAT	ADJ	ON	2008/12/13 13:00
S17	4	("5530729").URPN.	USPAT	ADJ	ON	2008/12/13 13:00
S18	12	"3607640"	USPAT	ADJ	ON	2008/12/13 13:30
S19	2	"2005308750"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/12/13 14:58
S20	2	"20050238131"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/12/13 14:59
S21	5	"2005059924"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/12/13 15:32
S22	2	"5227130"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/12/13 15:56
S23	2	"5949839"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/12/13 15:57
S24	11	"4970048"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/14 11:03
S25	1	"20060285628"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/14 11:03
S26	1	"20050238131"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/14 11:03

S27	1	"20030147487"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/14 11:03
S28	14	"5112571"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/14 11:07
S29	22	"5440599"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2008/12/14 11:07
S30	1	"20090135989"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/06/08 10:08
S31	603	376/438.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/06/08 10:09
S32	232	376/462.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/06/08 10:09
S33	77	S31 and S32	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/06/08 10:09
S34	758	S31 or S32	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/06/08 10:09
S35	10	"4844861"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 15:35
S36	15	("3862000"   "3984284"   "4081324"   "4427624"   "4522782"   "4576786").PN. OR ("4844861").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 15:36
S37	23	("3368945"   "3377254"   "3379619"   "3753855"   "RE28079"   "T921019").PN. OR ("4155807").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 15:42
S38	605	376/438.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 15:56
S39	232	376/462.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 15:56
S40	392	S38 or S39	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 15:56
S41	392	S40	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 15:56
S42	416522	spacer	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 15:57

S43	353655	S42	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 15:57
S44	241	S42 and S41	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 15:57
S45	13	("4416852"   "4576786"   "4726926"   "4756878"   "4784825"   "4814138"   "4968477"   "4988474"   "5084237"   "5245644").PN. OR ("5625657").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 16:42
S46	19	"4576786"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 17:01
S47	18	("3368946"   "3764471"   "3862000"   "4576786"   "4692302"). PN. OR ("4804516"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 17:02
S48	27	("3225091"   "3379617"   "3379619"   "3395077"   "4061536"   "4155807").PN. OR ("4576786").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 17:22
S49	15	("3862000"   "3984284"   "4081324"   "4427624"   "4522782"   "4576786").PN. OR ("4844861").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 17:37
S50	14	("4726926"   "4758403"   "4775509"   "4844861").PN. OR ("4970048").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 17:39
S51	154	thermohydraulic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 18:20
S52	9	S51 and S44	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 18:20
S53	496871	hydraulic	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 18:21
S54	105	S53 and S40	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 18:21
S55	84	S54 and S42	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 18:21
S56	2949501	"36"	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 18:21

S57	43	S55 and S56	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/26 18:21
S58	15	("3862000"   "3984284"   "4081324"   "4427624"   "4522782"   "4576786").PN. OR ("4844861").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 18:29
S59	25	("4155807"   "4576786"   "4692302"   "4698204"   "4792428"   "4804516"   "4827063"   "4844861"   "4951299"   "5080727").PN. OR ("5183629").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 18:30
S60	15	("3862000"   "3984284"   "4081324"   "4427624"   "4522782"   "4576786").PN. OR ("4844861").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 18:59
S61	14	("4726926"   "4758403"   "4775509"   "4844861").PN. OR ("4970048").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/26 19:00
S62	13	("4416852"   "4576786"   "4726926"   "4756878"   "4784825"   "4814138"   "4968477"   "4988474"   "5084237"   "5245644").PN. OR ("5625657").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 12:40
S63	19	("3163583"   "3314860"   "4056441"   "4416852"   "4508679"   "4576778"   "4650638"   "4673545"). PN. OR ("4784825"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 12:42
S64	28	("3389056"   "3475273"   "3607639"   "3697375"   "3806410"   "3886038"   "4056441"   "4325786"). PN. OR ("4416852"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 13:56
S65	605	376/438.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/27 14:11
S66	232	376/462.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2009/08/27 14:11

S67	760	S65 or S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 14:11
S68	392	S65 or S66	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 14:12
S69	368	S67 not S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 14:12
S70	2	"5363422"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 15:00
S71	9	("4268356"   "4294660"   "4326922"   "4416852"   "4588550"   "4772447"   "4804516"   "4818479"   "5219519").PN. OR ("5363422").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 15:01
S72	9	("4268356"   "4294660"   "4326922"   "4416852"   "4588550"   "4772447"   "4804516"   "4818479"   "5219519").PN. OR ("5363422").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 15:01
S73	18	("3368946"   "3764471"   "3862000"   "4576786"   "4692302"). PN. OR ("4804516"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 15:16
S74	3	"6807246"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 15:23
S75	2	"20050017917"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 15:31
S76	0	"2005017917"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 15:32
S77	1	"6608881"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 15:35
S78	14	"4804516"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 15:38
S79	16	"4804516"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 15:38

S80	2	S79 not S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 15:39
S81	11	"8602501"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 15:40
S82	2	"8416803"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/08/27 15:42
S83	28	("3389056"   "3475273"   "3607639"   "3697375"   "3806410"   "3886038"   "4056441"   "4325786"). PN. OR ("4416852"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 16:27
S84	19	("3163583"   "3314860"   "4056441"   "4416852"   "4508679"   "4576778"   "4650638"   "4673545"). PN. OR ("4784825"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 16:28
S85	13	("4416852"   "4576786"   "4726926"   "4756878"   "4784825"   "4814138"   "4968477"   "4988474"   "5084237"   "5245644").PN. OR ("5625657").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/08/27 16:31
S86	611	376/438.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/08/14 12:51
S87	233	376/462.ccls.	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/08/14 12:51
S88	398	S86 or S87	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/08/14 12:51
S89	398	S88	US-PGPUB; USPAT; EPO; JPO	ADJ	ON	2010/08/14 12:51

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